

GUANGYANG SECONDARY SCHOOL

Semester 1 Plan for Secondary 4E Pure Physics (6091) 2023

Curriculum

Textbook: Physics Matters for 'O' Level Textbook (4th Ed)

Workbook: Physics Matters for 'O' Level Workbook (4th Ed)

Term 1 Week	Chapter / Topic	Page no.	Assignments/Tests
1	12. Lens Recap	238-245	WB Ex 12B Expt: Focal length of a converging lens
1-2	13. Waves	256 - 272	WB 13
3	15. Sound	285 - 304	WB Ex 15
4	14.EM Waves	273 - 284	WB 14
5-6	16: Static Electricity	305 – 320	WB Ex 16 Expt: Waves
7 – 8	17: Current Electricity	321 – 340	WB Ex 17 Expt: Resistance of a Fixed Resistor Expt: CG of a Lamina Weighted Assessment (WA1) Week 6
9 – 10	18: D.C. Circuits	341 – 362	WB Ex 18A and 18B Expt: Voltage Across a Resistance Wire
Term 2 Week	Chapter / Topic	Page no.	Assignments/Tests
1	18: D.C. Circuits	341 – 362	WB Ex 18B
2 – 3	19: Practical Electricity	363 – 384	WB Ex 19 Expt: Heat
4 – 5	Magnetism	386 – 392	WB Ex 20 Weighted Assessment (WA2) Week 4

6-8	Electromagnetism	405 - 424	WB Ex 21
9-10	Electromagnetic Induction	425 - 448	WB Ex 22

Assessment Plan

Type	WA 1	Type	WA 2
Weightage	15 %	Weightage	15 %

